

## *Chapter 5*

### **Acronym List**

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ADLN.....	advanced dry low-NOx
ADT.....	average daily traffic
AM .....	amplitude modulated
AQRV.....	Air Quality Related Values
ASC .....	Application for Site Certification
ASIL .....	Acceptable Source Impact Level
BACT .....	Best Available Control Technology
BMPs.....	best management practices
BN .....	Burlington Northern
BPA .....	Bonneville Power Administration
Btu .....	British thermal units
CERCLA .....	Comprehensive Environmental Response Compensation Liability Act
CFCs.....	chlorofluorocarbons
cfs .....	cubic feet per second
CGI.....	combustible gas indicator
CH <sub>4</sub> .....	methane
CO .....	carbon monoxide
CO <sub>2</sub> .....	carbon dioxide
CP .....	Canadian Pacific
CRM .....	Cultural Resources Management

CTED .....	Community, Trade and Economic Development Department
dBA .....	A-weighted decibel
dbh .....	diameter at breast height
DCS .....	distribution control system
DNR .....	Department of Natural Resources
DPS.....	Distinct Population Segment
EFSEC .....	Energy Facility Site Evaluation Council
EIA .....	Energy Information Administration
EIS .....	environmental impact statement
EMF.....	electromagnetic fields
ENM .....	Environmental Noise Model
EPA .....	Environmental Protection Agency
EPC.....	engineer/procure/construct
ESA .....	Endangered Species Act
ESU .....	Evolutionarily Significant Unit
FEMA.....	Federal Emergency Management Agency
FM .....	frequency modulated
FVRD .....	Fraser Valley Regional District
FWP.....	farmed wetland pasture
FWS.....	U.S. Fish and Wildlife Service
gpd .....	gallons per day
gpm.....	gallons per minute
GVRD.....	Greater Vancouver Regional District
HDD .....	horizontal directional drill
HRA .....	Historical Research Associates, Inc.

HRSG .....	Heat Recovery Steam Generator
IWAQM.....	Interagency Workgroup on Air Quality Monitoring
kg/ha/yr.....	kilogram per hectare per year
km.....	kilometer
kV .....	kilovolt
kw .....	kilowatt
kwh .....	kilowatt hours
Ldn.....	day-night sound level
LEL.....	Lower Explosive Limit
LEQ .....	equivalent sound level
lf .....	linear feet
LOS .....	Level of Service
LWD.....	large woody debris
MAOP .....	maximum allowable operating pressure
MELP .....	British Columbia Ministry of Environment, Land and Parks
mG.....	milligauss
mg/m <sup>3</sup> .....	micrograms per cubic meter
MGD.....	million gallons per day
MMBtu .....	million British thermal units
MSA .....	Matsqui-Sumas-Abbotsford
MSDS .....	Material Safety Data Sheet
MTCA .....	Model Toxics Control Act
MW.....	megawatt
N <sub>2</sub> O.....	nitrous oxide
NAAQS .....	National Ambient Air Quality Standards

NEB .....	National Energy Board
NEMA .....	National Electrical Manufacturers Association
NESC.....	National Electrical Safety Code
NESCO.....	National Energy Systems Company
NO <sub>2</sub> .....	nitrogen dioxide
NOC .....	Notice of Construction
NOx .....	nitrogen oxides
NPDES .....	National Pollution Discharge Elimination System
NPS.....	National Park Service
NRCS .....	Natural Resources Conservation Service
NSPS .....	New Source Performance Standards
NVDC.....	Nooksack Valley Disposal Company
NVWA .....	Nooksack Valley Water Association
NWAA .....	Northwest Archaeological Associates, Inc.
NWAPA .....	Northwest Air Pollution Authority
Ldn.....	day-night sound level
Leq.....	equivalent sound level
O <sub>2</sub> .....	oxygen
O <sub>3</sub> .....	ozone
OAHP .....	Office of Archaeology and Historic Preservation
OFM .....	Office of Financial Management
OSHA .....	Occupational Safety and Health Administration
PAB .....	palustrine aquatic bed
PCBs.....	polychlorinated biphenyls
PFO.....	palustrine forested

PEM.....	palustrine emergent
PM2.5 .....	particulate matter with a nominal aerodynamic diameter of 2.5 microns or less
PM10 .....	particulate matter with a nominal aerodynamic diameter of 10 microns or less
POTW.....	publicly owned treatment works
ppm.....	parts per million
ppmvd.....	parts per million dry volume
PSD.....	Prevention of Significant Deterioration
PSE.....	Puget Sound Energy
psi .....	pounds per square inch
PSS .....	palustrine scrub/shrub
Qevf.....	Everson/Vashon fine-grained deposits
Qsa.....	Sumas Aquifer
Qsf .....	Sumas fine-grained deposits
R2 .....	riverine – lower perennial
RM.....	river miles
ROW.....	right-of-way
RP3 .....	Resource Protection Planning Process
S2GF.....	Sumas Energy 2 Generation Facility
SARA .....	Superfund Amendments and Reauthorization Act
SCCLP.....	Sumas Cogeneration Company LP
SCR .....	selective catalytic reduction
SE2 .....	Sumas Energy 2, Inc.
SEPA .....	State Environmental Policy Act
sf .....	square feet

SHPO.....	State Historic Preservation Officer
SIL.....	significant impact level
SLM.....	sound level measurement location
SO <sub>2</sub> .....	sulfur dioxide
SPCC .....	Spill Prevention, Control, and Countermeasure
SR.....	State Route
SRWA .....	Sumas Rural Water Association
T-BACT.....	Best Available Control Technology for toxic air pollutants
Tcf .....	trillion cubic feet
TCP.....	Traditional Cultural Property
tpy.....	tons per year
TSP .....	total suspended particulates
USDA .....	United States Department of Agriculture
USFS .....	United States Forest Service
USFWS.....	United States Fish and Wildlife Service
USGS.....	United States Geological Survey
VMS .....	Visual Management System
VOCS .....	volatile organic compounds
VPH.....	vehicles per hour
W .....	wetland ditch
WAAQS .....	Washington Ambient Air Quality Standards
WAC.....	Washington Administrative Code
WCSB.....	Western Canadian Sedimentary Basin
WDF.....	Washington Department of Fisheries
WDFW .....	Washington Department of Fish and Wildlife

WNHP ..... Washington Natural Heritage Program

WRIA ..... Water Resource Inventory Area

WSDOT ..... Washington State Department of Transportation